

## **PUBLICATIONS**

### **Peer Reviewed Chapters in a Book or Monograph**

Sokolowski, S. L., Griffin, L., Juhnke, B., Pokorny, C. & Bettencourt, C. (2020). Qualitative survey methodology and data collection for performance glove design and fit. *Advances in Interdisciplinary Practice in Industrial Design*. In: Di Bucchianico G., Shin C., Shim S., Fukuda S., Montagna G., Carvalho C. (eds) *Advances in Industrial Design. AHFE 2020. Advances in Intelligent Systems and Computing*, vol 1202. Springer, Cham. [https://doi.org/10.1007/978-3-030-51194-4\\_75](https://doi.org/10.1007/978-3-030-51194-4_75)

Sokolowski, S. L., Anderson, C. & Klecker, S. (2020). How sport-specific hand positioning can inform glove and mitt design. In: Di Bucchianico G., Shin C., Shim S., Fukuda S., Montagna G., Carvalho C. (eds) *Advances in Industrial Design. AHFE 2020. Advances in Intelligent Systems and Computing*, vol 1202. Springer, Cham. [https://doi.org/10.1007/978-3-030-51194-4\\_76](https://doi.org/10.1007/978-3-030-51194-4_76)

Sokolowski, S. L., Bettencourt, C. & Null, J. (2020). Investigation of 3D functional grip shape to design products for dog walking and hiking. In: Di Bucchianico G., Shin C., Shim S., Fukuda S., Montagna G., Carvalho C. (eds) *Advances in Industrial Design. AHFE 2020. Advances in Intelligent Systems and Computing*, vol 1202. Springer, Cham. [https://doi.org/10.1007/978-3-030-51194-4\\_78](https://doi.org/10.1007/978-3-030-51194-4_78)

Sokolowski, S. L., & Hoegsted, C. T. (2019). The application of the performance hand wear and tools innovation approach: road cycling gloves. *Advances in Interdisciplinary Practice in Industrial Design*, 105–111. [https://doi.org/10.1007/978-3-030-20470-9\\_13](https://doi.org/10.1007/978-3-030-20470-9_13)

Sokolowski, S. L., Griffin, L., & Silbert, J. (2019). The variability of U.S. women's plus size product sizing and self-identified size 18 bodies. *Advances in Interdisciplinary Practice in Industrial Design*, 124–133. [https://doi.org/10.1007/978-3-030-20470-9\\_15](https://doi.org/10.1007/978-3-030-20470-9_15)

Sokolowski, S. L. (2018). Product branding + performance running footwear design: A case study of macro to micro branding. In A. Sundar (Ed.), *Brand Touch Points*. Hauppauge, New York: Nova Science Publishers.

Sokolowski, S. L. (2018). Chapter 5: The influence of sport on luxury apparel. In J. Hawley, N. Cassill, & K. McGowan (Eds.), *Monograph #12, The Future of Luxury*, International Textile and Apparel Association. [https://doi.org/10.31274/itaa\\_proceedings-180814-382](https://doi.org/10.31274/itaa_proceedings-180814-382)

Sokolowski, S. L., & Winkler, J. (2018). The future of footwear design & lasts: Do we now really need them? *Advances in Interdisciplinary Practice in Industrial Design*, 9–15. [https://doi.org/10.1007/978-3-319-94601-6\\_2](https://doi.org/10.1007/978-3-319-94601-6_2)

Sokolowski, S. L., Cantrell, N., & Griffin, L. (2018). Firefighting turnout boots: How a human factors approach can improve performance. *Advances in Interdisciplinary Practice in Industrial Design*, 59–67. [https://doi.org/10.1007/978-3-319-94601-6\\_8](https://doi.org/10.1007/978-3-319-94601-6_8)

Sokolowski, S. L., Griffin, L., Carufel, R., & Kim, N. (2018). Drawing hands for glove design: does the data match-up? *Advances in Interdisciplinary Practice in Industrial Design*, 68–77. [https://doi.org/10.1007/978-3-319-94601-6\\_9](https://doi.org/10.1007/978-3-319-94601-6_9)

Sokolowski, S. (2010). Dress for recreational sports and professional sports. *Berg Encyclopedia of World Dress and Fashion*. <https://doi.org/10.2752/bewdf/edch3043>

Sokolowski, S. L. (2004). Sneakers. In V. Steele (Ed.), *Encyclopedia of Clothing and Fashion*. New York: Scribner's. <https://doi.org/10.5040/9781474264716.0014132>

Sokolowski, S. L. (2004) Sport uniforms. In V. Steele (Ed.), Encyclopedia of Clothing and Fashion. New York: Scribner's. <https://doi.org/10.5040/9781474264716.0014132>

### **Peer Reviewed Journal Articles**

Sokolowski, S. L. (2020). Book Review. Human Body: A wearable product designer's guide. Fashion Practice. In-press. <https://doi.org/10.1080/17569370.2020.1823625>

Sokolowski, S. L. (2020). The development of a performance hand wear and tools product innovation framework. Fashion and Textiles, 7, 1-18. <https://doi.org/10.1186/s40691-020-0205-1>

Sokolowski, S. L. & Griffin, L. (2020). Women's leather protective work wear gloves: A comparative pilot study between 3D hand scans, product specifications and sizing.

Sokolowski, S. L. (2019). Sports Industry Meets Academia: The pedagogical development of an MS degree program in sports product design. Technology & Innovation, 20(3), 165–177. <https://doi:10.21300/20.3.2019.165>

### **Peer Reviewed Full Papers in Conference Proceedings**

Sokolowski, S. L. & Bettencourt, C. (2020). Modification of the Female Figure Identification Technique (FFIT) Formulas to Include Plus Size Bodies. Proceedings of 3DBODY.TECH 2019 - 11th International Conference and Exhibition on 3D Body Scanning and Processing Technologies, Lugano, Switzerland, 21-22 Nov. 2020. In-press.

Sokolowski, S. L. and Griffin, L. (2020). Method to develop a better performance glove pattern block using 3D hand anthropometry. Sixty-fourth International Annual Meeting of the Human Factors and Ergonomics Society (HFES): Design, Chicago, Illinois, USA.

Sokolowski, S. L., Silbert, J., & Griffin, L. (2019). How the U.S. sport performance apparel industry sizes up to female plus bodies. Proceedings of 3DBODY.TECH 2019 - 10th International Conference and Exhibition on 3D Body Scanning and Processing Technologies, Lugano, Switzerland, 22-23 Oct. 2019. <https://doi.org/10.15221/19.222>

Sokolowski, S. L., & Meyer, Z. (2019). A product design approach to prosthetic design: A case study. 2019 Design of Medical Devices Conference. University of Minnesota, Minneapolis, Minnesota, USA. <https://doi:10.1115/dmd2019-3304>

Sokolowski, S. L., Griffin, L., & Chandrasekhar, S. (2018). Current technology landscape for collecting hand anthropometric data. Proceedings of 3DBODY.TECH 2018 - 9th International Conference and Exhibition on 3D Body Scanning and Processing Technologies, Lugano, Switzerland, 16-17 Oct. 2018. <http://dx.doi.org/10.15221/18.142>

Sokolowski, S. L. (2016). The development of engineering criteria for the design of a sports bra, for the plus sized athlete. Second International Conference in Sports Science & Technology, Nanyang Executive Centre, Nanyang Technological University, Singapore.

### **Peer Reviewed Product Design Exhibitions & Performances**

Sokolowski, S. L. (2019, December 20-22). Sports product design meets the Nutcracker. Performance jacket for Nutcracker ballet musical conductor Brian McWhorter. Hult Center for the Performing Arts, Eugene, Oregon, USA

### **Utility Patents**

<b>Date Published</b>	<b>Patent #</b>	<b>Patent Title</b>
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July 2020	US 10,716,340	S	System and device for affecting drag properties of an object .
December 2019	U 10,501,873	S	Moisture management support garment with a denier differential mechanism.
April 2019	U 10,271,581	S	Recovery tight with preconfigured compression zones and integrated structure patterns.
August 2018	U 10,039,332	S	Sports garments with enhanced visual and/or moisture management properties.
November 2017	US 9,814,273		Articles of apparel providing enhanced body position feedback.
June 2017	US 9,677,207		Moisture management support garment with a denier differential mechanism.
January 2016	US 9,241,516		Sports garments with enhanced visual and/or moisture management properties.
February 2015	US 8,959,800		Article of footwear having a flat knit upper construction or other upper construction.
December 2014	US 8,898,820		Layered apparel with attachable and detachable elements.
June 2014	US 8,745,895		Article of footwear having a flat knit upper construction or other upper construction.
April 2014	US 8,702,469		Moisture management support garment with a denier differential mechanism.
March 2014	US 8,677,512		Article of apparel providing enhanced body position feedback.
December 2013	US 8,607,478		Dance shoe.
November 2013	US 8,590,345		Footwear structure with textile upper member.
August 2013	US 8,505,216		Article of footwear having an upper with a structured intermediate layer.
July 2013	US 8,480,452		Athletic bra.
June 2013	US 8,468,721		Footwear with integrated biased heel fit device.
June 2013	US 8,468,720		Midsole element for an article of footwear.
May 2013	US 8,439,721		Grooved support sport bra.
December 2012	US 8,336,118		Articles of apparel providing enhanced body position feedback.
S e p t e m b e r 2012	US 8,262,432		Lightweight enhanced modesty sports bra cup.
July 2012	US 8,225,530		Article of footwear having a flat knit upper construction or other upper construction.
July 2012	US 8,215,032		Article of footwear having an upper with a structured intermediate layer.
April 2012	US 8,151,490		Dance shoe.
April 2012	US 8,146,273		Dance shoe.
March 2012	US 8,128,457		Athletic bra.
October 2011	US 8,028,440		Footwear structure with textile upper member.

S e p t e m b e r 2011	US 8,020,317	Footwear with integrated biased heel fit device.
May 2011	US 7,941,939	Midssole element for an article of footwear.
May 2011	US 7,934,325	Gymnastics footwear.
S e p t e m b e r 2010	US 7,793,434	Article of footwear having an upper with a structured intermediate layer.
March 2010	US 7,685,740	Dance shoe.
January 2010	US 7,640,679	Midssole element for an article of footwear.
December 2009	US 7,637,033	Midssole element for an article of footwear.
December 2009	US 7,637,032	Footwear structure with textile upper member.
February 2008	US 7,334,349	Midssole element for an article of footwear.
October 2005	US D510,472	Portion of a shoe midssole.
S e p t e m b e r 2005	US 6,944,884	Glove with a web structure.
May 2005	US 6,895,598	Protective weightlifting glove.
January 2005	US D500,402	Portion of a shoe midssole.
December 2004	US D499,248	Portion of a shoe midssole.
November 2004	US D498,914	Portion of a shoe midssole.